

Converting Colors

CIELCh(58, 29.378, 205.520)

Have a look what the booklet for
CIELCh(58, 29.378, 205.520)
contains.

CIELCh(58, 29.439, 205.887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 29.439, 205.887)

Conversions

Conversions Part 1

Format	Color
Hex	3099A1
RGB	48, 153, 161
RGB Percent	19%, 60%, 63%
CMY	0.8120, 0.4002, 0.3689
CMYK	0.70, 0.05, 0.00, 0.37
HSL	184°, 54%, 41%
HSV	184°, 70%, 63%
XYZ	19.0248, 25.9610, 37.6995
YIQ	122.5170, -65.1480, -19.7720

Conversions

Conversions Part 2

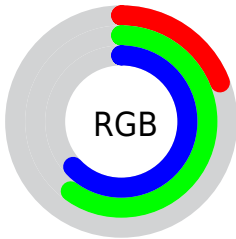
Format	Color
R_{YB}	48, 102, 161
Decimal	3185057
CIE _{Lab}	58.00, -26.48, -12.85
CIE _{LCh}	58, 29.439, 205.887
Yxy	25.9610, 0.2301, 0.3140
Android (android.graphics.Color)	4281375137 (0xFF3099A1)
YUV	122.5170, 18.9721, -65.3514
Hunter-Lab	50.9519, -22.5164, -8.2025

Details

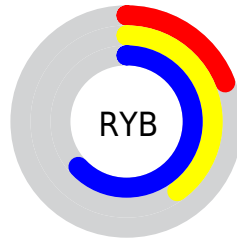
The CIELCh color **58, 29.439, 205.887** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 51.520, 33.465**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 29.598, 205.780**, and **39, 24.483, 209.883** is the 20% darker color. If you saturate the color by 10%, you get **57, 31.105, 206.512**, and if you desaturate by 10%, it is **59, 27.038, 205.458**.

Distribution



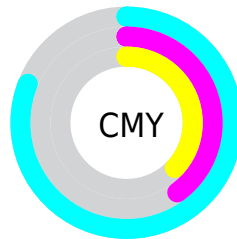
- Red (19%)
- Green (60%)
- Blue (63%)



- Red (19%)
- Yellow (40%)
- Blue (63%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (81%)
- Magenta (40%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 29.439, 205.887 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 29.439, 205.887 by changing the saturation by 10% instead.

 58, 29.439,
205.887

 58, 29.439,
205.887

 100, 29.439,
205.887

 48, 29.439,
205.887


 78, 29.439,
205.887

 38, 29.439,
205.887

 88, 29.439,
205.887

 28, 29.439,
205.887

 98, 29.439,
205.887

 18, 29.439,
205.887

 8, 29.439, 205.887

 0, 29.439, 205.887

■ 58, 29.439,
205.887

■ 58, 29.439,
205.887

■ 57, 31.105,
206.512

■ 59, 27.038,
205.458

■ 57, 32.063,
207.357

■ 60, 23.926,
205.206

■ 56, 32.503,
208.358

■ 61, 20.154,
205.106

■ 62, 15.801,
205.135

■ 63, 10.952,
205.276

■ 65, 5.699, 205.529

■ 66, 0.126, 209.491

■ 68, 5.690, 25.981

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 29.439, 205.887



39, 51.520, 33.465

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 29.439, 205.887



58, 29.439, 255.887



58, 29.439, 25.887



58, 29.439, 75.887

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 29.439, 205.886



80, 14.023, 205.254



58, 68.891, 139.736



42, 9.391, 205.210



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 29.439, 205.886



73, 38.510, 206.937



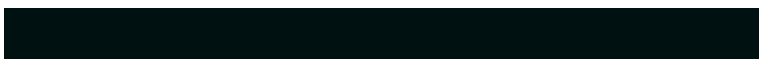
41, 39.904, 277.846



34, 3.198, 205.561



51, 30.183, 208.246



4, 5.003, 207.870

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41, 67.031, 330.116



50, 90.447, 330.729



51, 44.114, 72.808



32, 5.972, 326.895



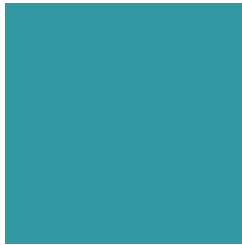
34, 71.991, 331.204



2, 9.106, 327.043

Previews

White Background



This preview shows how the CIELCh color 58, 29.439, 205.887 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 58, 29.439, 205.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

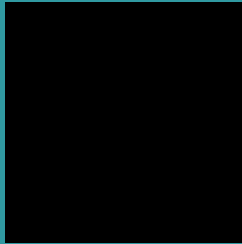
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 29.439, 205.887

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.439, 205.887.

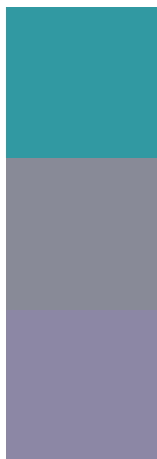


This preview shows how white text looks on a background with the CIELCh color 58, 29.439, 205.887.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
58, 29.439, 205.887

Protanopia
58, 7.406, 288.134

Deuteranopia
58, 17.204, 296.952



Tritanopia
58, 28.853, 212.061

Trichromacy



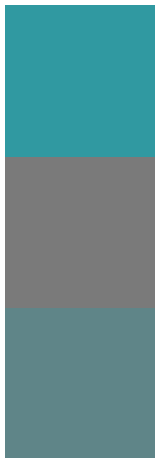
Original Color
58, 29.439, 205.887

Protanomaly
57, 14.630, 226.416

Deuteranomaly
57, 17.087, 246.205

Tritanomaly
58, 28.993, 210.781

Monochromacy



Original Color
58, 29.439, 205.887

Achromatopsia
51, 0.007, 296.813

Achromatomaly
53, 13.732, 205.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.439, 205.887 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(48, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(48, 153, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(48, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 153, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.439, 205.887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 153, 161) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(48, 153, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(48, 153, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(48, 153,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.439, 205.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 153, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(48, 153,  
161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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